

Renewable Energy

Table 10.2a Sources

Wood, Residential: • 1949-1979—Energy Information Administration (EIA), *Estimates of U.S. Wood Energy Consumption from 1949 to 1981*, Table A2. • 1980-1983—EIA, *Estimates of U.S. Wood Energy Consumption 1980-1983*, Table ES1. • 1984—EIA, *Estimates of U.S. Biofuels Consumption 1990*, Table 1. • 1985 and 1986—Values interpolated. • 1987—EIA, *Estimates of Biofuels Consumption in the United States During 1987*, Table 2. • 1988—Value interpolated. • 1989-2001—EIA, Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF) estimates based upon data from Form EIA-457A/G, “Residential Energy Consumption Survey.” **Wood, Commercial:** • 1949-1979—EIA, *Estimates of U.S. Wood Energy Consumption from 1949 to 1981*, Table A2. • 1980-1983—EIA, *Estimates of U.S. Wood Energy Consumption 1980-1983*, Table ES1. • 1984—EIA, CNEAF estimate. • 1985-1988—Values interpolated. • 1989-2001 CNEAF estimates combined with data from Table 8.3e. **Wood, Industrial:** • 1949-1979—EIA, *Estimates of U.S. Wood Energy Consumption from 1949 to 1981*, Table A2. • 1980-1983—EIA, *Estimates of U.S. Wood Energy Consumption 1980-1983*, Table ES1. • 1984—EIA, *Estimates of U.S. Biofuels Consumption 1990*, Table 1. • 1985 and 1986—Values interpolated. • 1987—EIA, *Estimates of Biofuels Consumption in the United States During 1987*, Table 2. • 1988—Value interpolated. • 1989-2001—EIA, CNEAF estimates based upon Form EIA-846 (A,B,C) “Manufacturing Energy Consumption Survey” and data from Table 8.3e. **Waste, Commercial:** • 1989-2001—Table 8.3e. **Waste, Industrial:** • 1981-1988—EIA, CNEAF estimates. • 1989-2001—EIA, CNEAF estimates based upon data from Government Advisory Associates, *Resource Recovery Yearbook* and *Methane Recovery Yearbook*, and data from Table 8.3e. **Hydropower, Commercial:** 1989-2001—Tables 8.2c and A6. **Hydropower, Industrial:** • 1949-1978—Federal Power Commission (FPC), Form FPC-4, “Monthly

Power Plant Report,” for plants with generating capacity exceeding 10 megawatts, and FPC, Form FPC-12C, “Industrial Electric Generating Capacity,” for all other plants, and Table A6. • 1979—FPC, Form FPC-4, “Monthly Power Plant Report,” for plants with generating capacity exceeding 10 megawatts, and EIA estimates for all other plants; and Table A6. • 1980-1988—Estimated by EIA as the average generation over the 6-year period of 1974-1979; and Table A6. • 1989-2001—Tables 8.2c and A6. **Alcohol Fuels:** • 1981—EIA, *Estimates of U.S. Biofuels Consumption 1990*, Table 10. • 1982 and 1983—EIA, CNEAF estimates. • 1984—EIA, *Estimates of U.S. Biofuels Consumption 1990*, Table 10. • 1985 and 1986—Values interpolated. • 1987—EIA, *Estimates of U.S. Biofuels Consumption 1990*, Table 10. • 1988—Value interpolated. • 1989—EIA, *Estimates of U.S. Biofuels Consumption 1990*, Table 10. • 1990 and 1992—EIA, *Estimates of U.S. Biomass Energy Consumption 1992*, Table D1. • 1991—Value interpolated. • 1993-2000 EIA, *Petroleum Supply Monthly*, Tables 2 and 28, and Table A1. 2001—EIA, CNEAF estimates based upon EIA, Form-EIA-819M, “Monthly Oxygenate Telephone Report,” and Form EIA-814, “Monthly Imports Report.” **Geothermal:** • 1989-1999—John Lund, Oregon Institute of Technology Geoheat Center, unpublished data. **Solar:** • 1989-1991—EIA, CNEAF estimates. • 1992 and 1993—EIA, *Renewable Energy Annual 1997*, Table 2. • 1994-1998—EIA, *Renewable Energy Annual 1999*, Table 2. • 1999—EIA, *Renewable Energy Annual 2000*, Table 2. • 2000-2001—EIA, CNEAF estimates based upon Form EIA-63-A, “Annual Solar Thermal Collector Manufacturers Survey,” and Form EIA-63B, “Annual Photovoltaic Module/Cell Manufacturers Survey.”

Table 10.2b Sources

Electric Power Sector: Tables 8.2b, 8.2c, and Table A6. **Electricity Trade:** • 1949-1988—Tables 8.1 and A6. • 1989-2001—Trade data from National Energy Board of Canada, the California Energy Commission, analysis by EIA, CNEAF, and Table A6.